

An Investigation of the Motor Temperature of
a GT-600-1.5 Gas Turbine Under Operating
Conditions, by M. N. Ivashchenko, 12 pp.

RUSSIAN, per, Energomashinostroyeniye, No 2,
1961, pp 17-21. 9677209

FTD-TT-61-411

Sci. - Engr

18 Jun 62

201.163

Investigation of Double Row Curtis Stages With
Partial Admission of Steam, by M. Ye. Deich,
Et al.

RUSSIAN, per, Energomash, Vol VII, No 3, 1961,
pp 24-27.

NIL M. 3551

Sci - Engr
Jun 62

201,034

Stanyukovich, A. V. and Levin, E. B.
CAUSES OF FAILURE OF STEAM SUPERHEATER
PIPES MADE FROM 18Cr/12Ni/Ti STEEL
Z. Januszewski, tr. 1963 [10p] 2 refs TRG Information
Series 191 (R).
Order from GTS, SLA, or ETC \$1.10 TT-64-13805

Trans. of ~~Energomashstroenie~~ (USSR) 1961 [v. 7]
no. 10, p. 27-31.

NLL/9091.9 1963 TRG15191

(Metallurgy--Structural, TT, v. 12, no. 2)

TT-64-13805

- I. Stanyukovich, A. V.
- II. Levin, E. B.
- III. TRG-IS-191 (R)
- IV. United Kingdom Atomic
Energy Authority,
Risley (England)

Office of Technical Services

(NY-3000/2)

Profile-Grinding Machines for Machining Turbine
Blades of Varying Profile, by V. A. Dolgov, M. L.
Bakhter, A. V. Tsvetkov, 5 pp.

RUSSIAN, per, Energo-Mash, No 3, 1961, pp 32-34.

JPRS 9523

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Econ

Aug 61

162,290

Increasing the Erosion Strength of Steel for
Steam-Turbine Blades by Spark-Hardening, by
M. G. Timerculatov, V. P. Savukov.

RUSSIAN, per, Energomash, Vol VII, Apr 1961,
pp 32-34, 40.

NLC 11.500
NISI 2316

Sci - Min/Metals

168, 477

Sep 61

List 108

Basic Trends in Piston Construction for Heavy
Duty High Speed Diesels, by S. B. Doroshenko,
N. V. Kotlyarov.

RUSSIAN, per, Energomash, Vol VII, No 4, 1961,
pp 42-44.

NEL M. 3576

551 - Engr

551 62

201,560

The PVK-150 Steam Turbine Produced by the
Kz Khar'kov Turbo-Generator Factory, by
L. A. Shubenko-Shubin, A. V. Lazarenko.

RUSSIAN, per, Energomashinostryenie, Vol VII,
No 6, 1961, pp 1-7.

NIL Ref. 9022.03 1963 (3,295)
(Loan)

Sci - Engr
Nov 63

CFSTI TT 63-23933

Gas Turbine Installation GT-700-5, by
I. A. Kuznetsov.

RUSSIAN, per, Energomash, Vol VII, No 6, 1961,
pp 1-6.

NLL M. 3542

Sci - Engr
Jun. 62

201,023

The PVK-150 Steam Turbine Produced by the
Kk Khar'kov Turbo-Generator Factory, by
L. A. Shubenko-Shubin, A. V. Lazarenko.

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No 6, 1961, pp 1-7.

NLL Ref. 9022.03 1963 (3,295)
(Loan)

Jci - Engr
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242,342

The Characteristics of Turbine Stages With Different
Deflection Angles of the Guide Blades, by
I. I. Kirillov, R. M. Yablonik.

RUSSIAN, per, Energomashinostroyeniye, Vol VII,
No 6, 1961, pp 7-11.

NLL Ref: 9022.03 1963 (3296) (Loan)

Sci
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Testing Methods for Sintered Products, 2 pp.

RUSSIAN, per, Energomash, No 6, 1961, pp 42-44.

CIA/FDD XX-1037

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Engr.

Aug 61

USIB INTERNAL USE ONLY

The Influence of a Convergent Transition Piece
Downstream of a Flat-Walled Butterfly Valve on the
Valve Characteristic, by B. I. Yanshin.

RUSSIAN, per, Energomashinostroenie, Vol VII, No 7,
1961, pp 16-19.

NIL M 283 3992

Sci - Engr
Apr 68

212,909

Effect of the Moisture Content of Steam on the
Performance of a Turbine Stage, by Yu. Ya.
Kachuriner, I. P. Padduyev.

RUSSIAN, per, Energomash, Vol. VII, No 8, 1961,
pp 5-8.

NIL M. 3536

Sci - Engr
Jun 62

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THE EFFECT OF THERMOPHORESIS ON THE PROCESS OF PRE-
CIPITATION OF ASH PARTICLES ON COOLED BLADES OF GAS
TURBINES, BY S. SH. ROZENBERG, 14 PP.

RUSSIAN, PER, ENERGO MASHINOSTROYENIYE, NO 8, 1961,
PP 42-45. 9678391

FTD-TT-62-1025

SCI - ENGR
L1 OCT 62

212,328

(SP-1878)

Specialized Conference on Diesel
Construction, by L. K. Kollerov, 5 pp.

RUSSIAN, per, Energomashinostroyeniye,
No 8, 1961, p 47.

JPRS 13033

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Sui - Misc
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(N SF-1877)

Soviet Power Machine-Building Prior to
the 22nd Congress of the CPSU, 9 pp.

RUSSIAN, per, Energo-Mashinostroyeniye,
No 10, 1961, pp 1-4.

JPRS 13533

191,666

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Investigation of Air-Stream Cooling of Gas Turbine
Dissc, by I. A. Dorfman, Yu. E. Gerasov, 13 pp.

RUSSIAN, per, Energiomashinostroyeniye, No 10,
1961, pp 23-26. 9679270

FTD-TT-62-1023

Sol. - ~~XXXXXXXXXX~~ Engr
Dec 62

219,343

Causes of Failure of Steam Super-heater
Pipes Made From 13Cr/12Ni/1Ti Steel,
by A. V. Stanyukovich.
RUSSIAN, per, Energomashinostroenie,
No 10, 1961, pp 27-30.
MIL/91.9 1963 TRGIS 191

Sci -
Jul 67

354,311

Tsukerman, R. V. and Nazarenko, S. S.
COST INDICES IN THE MANUFACTURE OF LARGE
STEAM BOILERS. [1963] [10p] 2 refs C.E.

Trans. 2734.

Order from OTS or SLA \$1.10

63-23974

Trans. of Energiyashinostroenie (USSR) 1961 [v. 7]
no. 10, p. 33-36.

DESCRIPTORS: *Boilers, Steam, Costs,

Two statistical methods are described for calculating the manufacturing costs of projected boilers. One method is based on the functional relation between cost price and the materials component. This method requires a drawing or technical project which permits an approximate calculation of the material required from which the theoretical cost price can be calculated. The second method is based on determining the relation between manufacturing costs and the power and steam (Engineering--mechanical, TT, v. 10, no. 12) (over)

63-23974

I. Tsukerman, R. V.
II. Nazarenko, S. S.
III. CE Trans-2734
IV. Central Electricity
Generating Board
(Gr. Brit.)

NLL (LOAN) REF:
9022.091963(2,734)

Office of Technical Services

Experimental High-Temperature Gas Turbine GT-850
of the Central Scientific Research Institute
for Boilers and Turbines, by I. N. Yefimov, 1 pp. 48

RUSSIAN, per, Energiashinostroyeniya, No 10,
1961, pp 48, 9679270

48

FTD-TI-62-1023

Sol. Engt
Dec 62

219,564

Calculating the Diaphragm as a Half-Ring on
an Elastic Supporting Contour, by
V. L. Ingul'tsov,

RUSSIAN, per, Energomashinostroyeniye, Vol VII,
No 11, 1961, pp 1-5.

NLI Ref: 9022 03 1963 (3297) (Loss)

Sci - Engr
Feb 64

248,590

Aizenshtat, I. I.

DYNAMIC PROPERTIES OF THE FEED CONTROL
SYSTEM OF ONCE-THROUGH BOILERS WITH RE-
SPECT TO THE "HEAT-WATER" CYCLE. [1963]
[12p] Srefs C. E. Trans. 2610.
Order from OTS or SLA \$1.60

63-24078

Trans. of Energomashinostroenie (USSR) 1961, v. 7,
no. 11, p. 5-9.

DESCRIPTORS: *Boilers, *Feed water, Control
systems, Pressure, Steam, Damping, Dynamics.

Factors are considered which determine the stability
of the feed control system of a once-through boiler with
respect to the "heat-water" ratio. A method of increas-
ing the damping of the system is developed based on
introducing an additional impulse into the feed regulator
to denote the temperature of the medium at one or more
points in the steam delivery line preceding the first
desuperheater. (Author)

63-24078

- I. Aizenshtat, I. I.
- II. CE Trans-2610
- III. Central Electricity
Generating Board
(Gt. Brit.)

(Engineering--Mechanical, TT,
v. 10, no. 12)

Office of Technical Services

Technical Projects for New Turbines to be
Produced by the Khar'kov Turbo-generator
Plant, by B. M. Panshin.

RUSSIAN, per, Energomashinostroenye. Vol VII,
No 11, 1961, p 26....

NIA Ref: 9022.03 1963 (3298) (Loan)

Sci - Engr
Feb 64

248,591

The Effect of Non-Metallic Inclusions on the
Strength of Turbine Discs., by P. N. Petrov.

RUSSIAN, per, Energomashin, Vol VII, No 11,
1961, pp 27-30.

MLL M 8890

Sci - Engr
Feb 63

223,567

Bubentsov, A. M. and Polukanin, P. N.
FRICTIONAL POWER LOSSES AND OIL CONSUMPTION
IN THE THRUST BEARINGS OF TURBINES.
[1963] [15p] 10 refs C.E. Trans. 2699.
Order from CTS or SLA \$1.60

63-24080

Trans. of Energomashinostroenie (USSR) 1961, v. 7,
no. 11, p. 34-38.

DESCRIPTORS: Turbines, *Thrust bearings, Friction,
Power, Lubrication, Lubricants.

Factors affecting frictional power losses and oil consumption in two-sided thrust bearings of turbines are considered. The comparative quantitative characteristics obtained by calculation and by various methods for five typical thrust bearings of different dimensions, operating over a wide speed range and at two mean pressure values are quoted. An evaluation of different methods for the calculation of power losses and oil consumption in thrust bearings is given. (Author)

63-24080

- I. Bubentsov, A. M.
- II. Polukanin, P. N.
- III. CE Trans-2699
- IV. Central Electricity
Generating Board
(Gt. Brit.)

(Machinery--Machine Parts, TT.
v. 10, no. 12)

Office of Technical Services

The Effect on Efficiency of the Shape of the
Low-Pressure Bladed Section in a Steam Turbine,
by I. I. Kirillov.

RUSSIAN, per, Energomashinostroyeniye, Vol VII,
No 12, 1961, pp 1-5.

NLL Ref: 9022.03 1963 (3303) (Loan)

Sci
Feb 64

Calculation of a Transverse Cross Section by a
Method of Max Characteristics, by G. A. Sokolovskiy,
12 pp.

RUSSIAN, per, Energiomashinostroyeniye, No 12, 1961,
pp 22-24. 9651645

FTD-TT-62-1739

Sci-Engr
May 63

229,535

Towards Defining a Rational Design for the
Flanged Joints in Steam Turbines, by I. Z.
Kopp.

RUSSIAN, per, Energomash, Vol VII, No 18, 1961,
pp 25-26.

NLL M 3917

Sci - Engr
Mar 63

225,411

Stress Concentration in the T-Shaped Tail Connection
of Moving Turbine Blades, by Ch. G. Mustafin.

RUSSIAN, per, Energomashinostroyeniye, Vol VII,
No 12, 1961, pp 46-~~67~~.
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NLL Ref: 9022.03 1963 (3306) (Loan)

Sci
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Some of the New Work Accomplished by the Khar'kov
Turbogenerator Plant, by M. I. Repkin.

RUSSIAN, per, Energomashinostroyeniye, Vol VII,
No 12, 1961, p 48.

NLL Ref: 9022.03 1963 (3307) (Loan)

Sci
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The Effect of the Height of the Blades on Some
of the Characteristics of Single-Row Turbine
States, by M. E. Deich, V. A. Baranov.

RUSSIAN, per, Energomashinostroyeniye, Vol VIII,
No 1, 1962, pp 6-9.

NLL Ref: 9022.03 1963 (3308) (Loan)

Sci
Feb 64

The Calculation of Strength of Flange Joints in
Cylinders of Turbines, by P. I. Anson.

RUSSIAN, per, Energomash, Vol VIII, No 1, 1962,
pp 22-29.

NLL M 39 3393

Sci - Engr
Mar 63

225,123

Pearlitic Steel EP 44 (TsZn 10) Relaxation-
Resistant at 565-600°C, by T. I. Volkova,
Z. N. Petropavlovskaya.

RUSSIAN, per, Energomashinostroenie, No 1, 1962,
pp 38-36.

ZISI 3005

223,637

Sci. - M/M
Feb 63

The Efficiency of a Cross-Ribbed Curvilinear
Diffuser, by V. K. Migay, Candidate of Technica
Sciences, 5 pp.

RUSSIAN, per, Energomash, No 1, 1962, pp 45-46.
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PTD-TT-62-1151

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Sci-Phys, Aero
Dec 62

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Peculiarities of Machining Herringbone Surfaces on
Turning Cathes, by A. V. Belov.

RUSSIAN, per, Energomash, No 2, 1962, pp 30.

U.K. Atomic Energy Authority
Springfields Tr-22

Sci - Engr
Jul 62

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The Influence of the Products of Combustion of
Sulfur-Containing Fuel Distillates on the Con-
struction Materials of Gas Turbines, by
B. V. Losikov, A. D. Fat'yanov, et al., 13 pp. XX

RUSSIAN, per, Energomashinostroyeniye, No 2, 1962,
pp 34-37 9679787

FTD-TT-62-1026

Sci-Engr
Mar 65

221⁴, 706

The Concentration of Stresses During Expansion
in Conditions of Plane and Axisymmetrical Creep
Deformation, by A. N. Su Grubln.

RUSSIAN, per, Energiostroyeniye, Vol VIII,
No 3, 1962, pp 18-21.

MLL N 5100

Sci - Engr
May 63

229,353

The Technical and Economic Factors Involved in
the Manufacture of Steam Turbines, by R. V.
Tsukerman.

RUSSIAN, per, ~~Energomashinostroyeniye~~,
Vol VIII, No 6, 1962, pp 22-25.

NLL Ref: 9022.03 1963 (3357)
(loan copy)

Sci
Sep 64

Investigating the Last Stages of Condensing Steam
Turbines, by B. M. Troyanovskiy, F. V. Kazintsev.

RUSSIAN, per, Energomashinostroyeniye, Vol VIII,
No 3, 1962, pp 26-29.

NLL Ref: 9022.03 1963 (3310) (Loan)

Sci
Feb 64

Shubenko-Shubin, L. A., Sobolev, S. P., and
 Poznakhirev, V. F.
 THE DESIGN OF MOVING BLADES FOR THE LAST
 STAGES OF HIGH-CAPACITY STEAM TURBINES.
 [1963] [18p] 2refs C. E. Trans. 2708.
 Order from OTS, SLA, or ETC \$1.60

TT-63-23984

Trans. of Energi Mashinostroyeni (USSR) 1962 [v. 8]
 no. 4, p. 5-10. (Abstract available)

DESCRIPTORS: *Steam turbine blades, Design,
 Mechanical properties.

Details are given of present-day achievements in the
 field of the design of the rotor blades of the last stages
 of large turbines. Descriptions are given of the
 methods used for strength calculation of the active zone
 of the blades, measures to reduce the total stresses in
 this zone, and some results of actual calculations.

(Author)
 (Machinery, Fabrications and Accessory Equipment,
 TT, v. 11, no. 2)

TT-63-23984

- I. Shubenko-Shubin, L. A.
- II. Sobolev, S. P.
- III. Poznakhirev, V. F.
- IV. CE Trans-2708
- V. Central Electricity
 Generating Board
 (Gt. Brit.)

NLL (LCAN) REF:
 9022.09 1965 (2,708)

Office of Technical Services

Some Problems in Strain-Gauge Measurements on
the Moving Blades of Turbo-Machines, by K. V.
Prolov.

RUSSIAN, per, Energi Mashinostroyeniye, Vol VIII,
No 4, 1962, pp 33-37.

HL M 8579

Sci - Engr
May 63

229,134

Thermophysical Characteristics of Ordinary
and Heavy Water, by P. A. Andreyev, et al.

RUSSIAN, per, Energomashinostroenie,
No 4, 1962, pp 46-48.

U.K.A.E.A.

Rialev, Tr 271

Sci - Geophys
Sep 62

210,904

The Effect of Lacing Wires on the Efficiency of
a Turbine Stage, by I. I. Kirillov, R. V. Kuz'michev.

RUSSIAN, per, ~~Energomashinostroyeniye~~, Vol VIII,
No 5, 1962, pp 1-4.

WLL Ref: 9022.03 1963 (3355)
(loan copy~~2~~)

Sci
Sep 64

Calculation of Stress Distribution in the Body of
Spherical Valves for High Head Hydroelectric
Station, by A. U. Bugov.

RUSSIAN, per. Energomashinostroyeniye. No 5, 1962,
pp 17-20.

CFSTI TT 67-59020

Sci-Phys
Feb 69

372,873

A Heat Resistant Cast Chrome Steel, as a Material for
the Components of Power Installations With an Operating
Temperature of Up to 6000 C, by E. E. Levin, E. N.
Masaleva.

RUSSIAN, per, Energomash, Vol VIII, May 1962,
pp 24-27.

2/
*BISI 3002

Sci - Min/Metals

sup no 135
24 Aug 62

NLL Rec: 5828.4 1964 (10,542)
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Fuel Additives, an Effective Means of Increasing
the Motor Power of Power Installations by
P. P. Bortin. 16 pp.

RUSSIAN, per. Energomash, No 6, 1962, pp. 10-20
9668243

FTD-TT 62 1931

Sci. Phys
Apr 63

30/11/63

Ventilation losses in a Turbine Stage, by
A. D. Mezheritskiy, 13 pp.

RUS: ENR, per, Energoizh, No 6, 1961, pp 19-32.
9638108

FTD-TT-62-1740

Sci. Engr
Apr 63

227,269

1/14 Ref: pp 22-23 1961 (12-11)
(2000 copy)

(DC-1830)

AN INDUSTRYWIDE CONFERENCE ON POWER MACHINE
BUILDING, BY V. G. TYRYSHKIN, L. I. PONARSKIY,
6 PP.

RUSSIAN, PER, ENERGOMASHINOSTROYENIYE, NO 6,
1962, P 41.

JPRS 14755

USSR
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AUG 62

206,201

RADICAL-AXLE HYDRAULIC TURBINE OF A 230,000 KW
CAPACITY FOR THE BRATSKAYA GES, BY A. F. VOLKOV,
7 PP.

RUSSIAN, PER, ENERGOMASHINOSTROYENIYE, NO 7, 1962,
PP 1-4.

JPRS 16265

SCI - ELECTRONICS

NOV 62

219,770

Damping the Vibrations of Heavy Rotors, by S. I.
Sergeyev, 9 pp.

RUSSIAN, per, ~~Engineering~~ Engineering, No 7,
July 1962, pp 16-18.
JPRS 29000

Sci-Engr
Mar 65

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Internal Heat Insulation of the Casing of Gas
Turbines Type GT-700-5, by L. A. Kuznetsov,
B. P. Mironov, 12 pp.

RUSSIAN, per. Energomashinostroyeniye, No 7,
1962, pp 23-25.

CIA/FDD XX-1410
No Foreign Dissem

344,145

Sci - Engr

Sept 63

USIB Internal Use Only

TT-63-23964

Karyagin, N. P.
ECONOMIC TEMPERATURE OF BOILER FLUE
GASES. [1963] [11p] Great C. E. Trans. 2804.
Order from CTS, SLA, or ETC \$1.60 TT-63-23964

Trans. of Energiy Mashinostroyeniya (USSR) 1962, v. 8,
no. 7, p. 2804. (Abstract available)

29
DESCRIPTORS: *Boilers, *Exhaust gases, Tempera-
ture, Heat exchangers, Economics, Steam power
plants, Mathematical analysis.

A method of determining the most economical boiler
flue gas temperature is described. The general case
of the use of a surface heat exchanger capable of
operating under conditions of the condensation of steam
from the flue gases is included. (Author)

(Engineering--Mechanical, TT, v. 11, no. 2)

I. Karyagin, N. P.
II. CE Trans-2804
III. Central Electricity
Generating Board
(Gr. Brit.)

NLL (LOAN) Ref:
9022.09 1963/2 2804

Office of Technical Services

TWENTIETH ANNIVERSARY OF THE BARNAUL BOILER PLANT,
BY N. V. PAVLOV, 4 PP.

RUSSIAN, PER, ENERGOMASHINOSTROYENIYA, NO 7,
1962, P 38.

JPRS 15690

USSR
ECON
SCI-ENGR
OCT 62

215,046

CONFERENCE ON THE PROBLEMS OF DEVELOPMENT,
UTILIZATION AND RESEARCH OF MATERIALS FOR UNITS
WITH CAPACITIES OF 300, 500 AND 8800 THOUSAND
KILOWATTS, BY YE. YE. LEVIN, YE. N. MASALEVO,
3 PP.

RUSSIAN, PER, ENERGOMASHINOSTROYENIYA, NO 7, 1962,
PP 39-40.

JPRS 15690

USSR
ECON
SCI-ENGR
OCT 62

215,047

PK-39 BOILER UNIT WITH A 950 - TON STEAM
GENERATING CAPACITY, BY YU. I. OKERBLOM, 9 PP.

RUSSIAN, PER, ENERGOMASHINOSTROYENIYE, NO 8,
AUG 1962, PP 1-5.

JPRS 16826

SCI - ENGR

JAN 63

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The Aerodynamic Influence of Lacing Wires on
the Operation of the Blading in Axial Compressors,
by G. A. Khamin.

RUSSIAN, per, ~~Energomashinostroyeniye~~, Vol VIII,
No 8, 1962, pp 16-18.

NLL Ref: 9022.03 1964 (3370)
(loan copy)

Sci
Sep 64

The Influence of Low Overlap on Turbine
Stage Efficiency, by A. G. Sheintman.

RUSSIAN, per, ~~Energomashinostroyeniye~~,
Vol VIII, No 8, 1962, pp 28-29.

HLL Ref: 9022.03 1964 (3371)
(loan copy)

Sci
Sep 64

Damage to Steam Turbine Rotors,
by I. M. Stepanov.
RUSSIAN, per, Energomashin, 1962,
Vol VIII, No VIII, pp 31-32.
NLL 9022.03 1964 (3372) (On Loan)

USSR
Sci-F&P
July 65

284,610

GAS TURBINES FOR LARGE-SCALE POWER PRODUCTION
AND THE MAJOR SCIENTIFIC AND TECHNICAL PROBLEMS
OF THEIR DEVELOPMENT, BY M. I. KORNEYEV, ~~XXX~~
D. V. LITVINOV, ET AL, 16 PP.

RUSSIAN, PER, ENERGOMASHINOSTROYENIE, NO 9,
1962, PP 1-5.

JPRS 16634

USSR
ECON
SCI - ENGR
DEC 62

210,264

TURBO - COMPRESSORS FOR PRESSURE CHARGING
DIESEL ENGINES, BY M. M. KOVALEVSKIY, YA. M.
GUSAK, ET AL, 9 PP.

RUSSIAN, PER, ENERGO MASHINOSTROYENIYE, NO 9,
1962, PP 35-37.

JPRS 16634

USSR
ECON
SCI - ENGR
DEC 62

218,263

The Influence of Supercooling and the Structure of
Moist Steam on its Discharge Through Nozzles,
by I. I. Kirillov, R. M. Yablounik.

RUSSIAN, per, Energiya, Vol VIII, No 10, 1962,
pp 6-10.

ML Ref: 5828.4 1962 (5,229) (loan)

Sci - Phys
Jul 63

236,102

Condensation of Steam from a Steam-Air
Mixture Inside Vertical Channels, by
V. A. Rachko.

RUSSIAN, per, Energomashinostroeniye,
1962, Vol 8, No 11, pp 24-28.

NLL RTS 2588 (On Loan or Purchase)

Aug 65

287,020

Study of the Operation of a Centrifugal
Compressor Wheel, by S. A. Anisimov, 19 pp.

RUSSIAN, per, Energomashinostroyeniye, No 221,
1962, pp 5-16. 9681624

FTD-TT-62-1816

Sci-Engr
May 63

29,546

The Influence of the Number of Vanes on the
Efficiency of the Centrifugal Wheel with a
Single-Stage Cascade, by S. A. Anisimov,
24 pp.

RUSSIAN, per, Energomashinostroyeniye, No 221,
1962, pp 17-31. 9681624

FTD-TT-62-1816

Sci-Engr
May 63

229,547

Study of the Efficiency of Centrifugal Compressor
Wash Wheels with a Two-Stage Vane Cascade, by
M. I. Kalinina, 25 pp.

RUSSIAN, per, Energomashinostroyeniye, No 221,
1962, pp 32-46. ~~9601624~~

FTD-TT-62-1816

Sci-Engr
May 63

229,548

Calculation of Variable Regimes of Cascade Flow, by
V. A. Zysin, 12 pp.

RUSSIAN, per, Energomashinostroyeniye, No 221, 1962,
pp 103-109. 9681624

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FTD-TT-62-1816

Sci-Engr
May 63

229,549

POWER MACHINE-BUILDING PROBLEMS IN LIGHT OF THE
DECISIONS OF THE CPSU CENTRAL COMMITTEE NOVEMBER
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